A/B, 2, 33/24

[redacted]

SUBJECT: ARTICHOKE PROJECT
In reply to [redacted] H-B/3

1. The analysis referred to in the reference document was performed at the [redacted] This laboratory has since moved to [redacted] F

2. [redacted] the director of the [redacted] cooperative with us in our effort to obtain more information concerning the analysis which had been performed in his laboratory a year ago. H-B/6

3. The analysis was performed by [redacted] She is a graduate of the [redacted] also has had training at the [redacted] which is operated by the [redacted] although still in her twenties [redacted] impresses one as being very competent. B/6 B/3

[redacted] readily recalled the details of the sample and analysis of the previous year. She remembered that the volume was quite small, and stated that all of sample was used to complete the analysis. In our search, if some of the sample had been left [redacted] we agreed that there was no chance that it would be found in the laboratory, since a general housecleaning had taken place on the occasion of the move [redacted] and all odds and ends had been discarded at that time. B/6 F

4. [redacted] was able to describe the appearance of the sample, however. The sample consisted of a water white liquid with a green algae like precipitate which seemed to be of a bacterial nature. The occurrence of this precipitate prompted her to use a centrifuge in order to clear the supernatant liquid before proceeding with the analysis. As per reported previously, 1.1 ml. of liquid resulted from this operation. B/6

5. [redacted] was used to determine the pH of the (INDICATED) liquid. According to [redacted] since the report was slightly acid, the pH was probably in the neighborhood of 6. B/6

[redacted]

[redacted]

7. The methods used for the toxicological determinations were all based on methods described in Toxicological Methods of the United States Army, Simmons, James S. and Gradwohl, Oscar J., 5th Edition, Lea and Febiger, Philadelphia, 1944.

Fujiwara test for chloral hydrate and chloroform	p. 324
Barbiturates	327
Salicylates	328
Alkaloids	328-335

8. Similar tests were run on the green precipitate. On microscopic examination, the precipitate did not show a crystalline structure. Ether, chloroform, acid, and ammonical extracts of the precipitate were made and used to test for the substances mentioned previously. After extraction, the precipitate was again examined under the microscope, with the previous result of no crystalline form being exhibited.

9. [redacted] was quite positive of the results as obtained in the analytical work of the previous year, and seemed quite willing to make the statement "the sample contained none of the toxic agents tested for above, of that I am sure." B/6

10. It is our considered opinion that none of the original sample submitted to the [redacted] is available [redacted]. We also feel that little additional information is possible from the work done on this sample as a year ago. B/3

A [redacted]